



Crop Weather Report

Issue: 09-11

Issued: Weekly: Apr-Oct
Monthly: Nov-Mar

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Released: May 26 2009
For the Week Ending:
May 24, 2009

Weather Summary

Montana received light precipitation throughout the state during the week ending May 24th. Superior, for the second week in a row, received the most weekly accumulated precipitation with 1.53 inches. Highs were mostly in the 70s and 80s, and lows mostly ranged in the mid 20s to 40s. Broadus had the high temperature at 97 degrees. Cascade had the weekly low temperature at 18. Topsoil moisture adequate and surplus is 83 percent, below last week's 91 percent, but above last year's 74 percent and the five-year average of 69 percent. Subsoil moisture adequate and surplus is 74 percent, below last week's 83 but above last year's 43 percent and the five-year average of 47 percent. The number of days suitable for field work was 6.1, up from last week's 4.5 days.

The weather outlook for June 2nd through June 8th is for near normal temperatures and above normal precipitation for both east and west of the continental divide. Normal temperatures for this period in Montana are highs in the mid 60s to the upper 70s and lows ranging from the mid 30s to the lower 50s.

| Soil Moisture Table | This Week | Last Week | Last Year | 5 Yr Avg |
|-------------------------|-----------|-----------|-----------|----------|
| Topsoil Moisture | | | | |
| Very Short | 2 | 1 | 8 | 8 |
| Short | 15 | 8 | 18 | 23 |
| Adequate | 77 | 79 | 60 | 60 |
| Surplus | 6 | 12 | 14 | 9 |
| Subsoil Moisture | | | | |
| Very Short | 5 | 3 | 26 | 20 |
| Short | 21 | 14 | 31 | 33 |
| Adequate | 71 | 78 | 40 | 44 |
| Surplus | 3 | 5 | 3 | 3 |

Livestock Report

Sixty percent of cattle are moved to summer ranges, up from 35 last week. Range and pasture feed condition is above the five year average with 55 percent good to excellent.

| Range & Livestock Table | This Week | Last Week | Last Year | 5 Yr Avg |
|---|-----------|-----------|-----------|----------|
| Range and Pasture Feed Condition | | | | |
| Very Poor | 1 | 0 | 10 | 9 |
| Poor | 8 | 7 | 22 | 16 |
| Fair | 36 | 30 | 39 | 33 |
| Good | 42 | 45 | 22 | 32 |
| Excellent | 13 | 18 | 7 | 10 |
| Moved to Summer Ranges | | | | |
| Cattle & Calves | 60 | 35 | 66 | 56 |
| Sheep & Lambs | 57 | 53 | 63 | 51 |
| Receiving Supplemental Feed | | | | |
| Cattle & Calves | 19 | 34 | 22 | n/a |
| Sheep & Lambs | 18 | 38 | 21 | n/a |
| Livestock Grazing | | | | |
| Open | 95 | 87 | 94 | n/a |
| Difficult | 3 | 8 | 4 | n/a |
| Closed | 2 | 5 | 2 | n/a |
| Livestock Birthing | | | | |
| Calving Complete | 97 | 96 | 98 | 99 |
| Lambing Complete | 92 | 91 | 95 | 95 |

| Field Work Table | This Week | Last Week | Last Year | 5 Yr Avg |
|---------------------------------------|-----------|-----------|-----------|----------|
| Days Suitable for Field Work | | | | |
| Days | 6.1 | 4.5 | 3.2 | 4.3 |
| Field Tillage Work in Progress | | | | |
| None | 0 | 9 | 3 | n/a |
| Just Started | 15 | 18 | 5 | n/a |
| Well Underway | 85 | 73 | 92 | n/a |

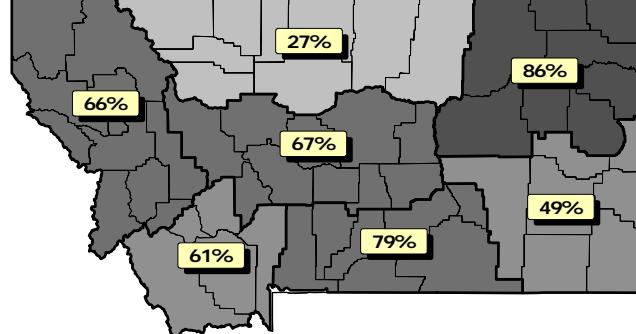
Field Crops Report

Progress of all small grains is behind last year and the five year average, but recent warm weather furthered progress from last week. Corn is 91 percent planted and 61 percent emerged, up from 58 and 2, from last week, respectively.

| Crop Progress and Condition Table | This Week | Last Week | Last Year | 5 Yr Avg |
|-----------------------------------|-----------|-----------|-----------|----------|
| Planted | | | | |
| Barley | 84 | 61 | 96 | 96 |
| Camelina | 85 | 78 | 98 | n/a |
| Corn | 91 | 58 | 86 | 82 |
| Dry Peas | 93 | 85 | 100 | 78 |
| Durum Wheat | 70 | 56 | 90 | 84 |
| Lentils | 82 | 81 | 90 | 72 |
| Oats | 76 | 48 | 84 | 88 |
| Spring Wheat | 90 | 69 | 96 | 95 |
| Sugar Beets | 100 | 92 | 99 | 98 |
| Emerged | | | | |
| Barley | 44 | 19 | 70 | 77 |
| Camelina | 60 | 25 | 85 | n/a |
| Corn | 61 | 2 | 48 | 45 |
| Dry Peas | 45 | 7 | 71 | 53 |
| Durum Wheat | 30 | 4 | 52 | 48 |
| Lentils | 38 | 4 | 62 | 43 |
| Oats | 57 | 12 | 57 | 65 |
| Spring Wheat | 62 | 21 | 65 | 70 |
| Sugar Beets | 75 | 48 | 94 | 86 |
| Boot Stage | | | | |
| Winter Wheat | 13 | 12 | 10 | 22 |

Barley Emerged, Montana

by District for week ending May 24, 2009



| Crop Progress and Condition Table | This Week | Last Week | Last Year | 5 Yr Avg |
|-----------------------------------|-----------|-----------|-----------|----------|
| Winter Wheat | | | | |
| Very Poor | 3 | 3 | 7 | 4 |
| Poor | 7 | 5 | 19 | 13 |
| Fair | 34 | 29 | 43 | 35 |
| Good | 50 | 47 | 28 | 37 |
| Excellent | 6 | 16 | 3 | 11 |
| Sugar Beets | | | | |
| Very Poor | 2 | n/a | 2 | n/a |
| Poor | 2 | n/a | 6 | n/a |
| Fair | 9 | n/a | 29 | n/a |
| Good | 66 | n/a | 43 | n/a |
| Excellent | 21 | n/a | 20 | n/a |

THIS INFORMATION IS ALSO AVAILABLE ON THE INTERNET AT: <http://www.nass.usda.gov/mt/>

Completed and Summarized by:
USDA, NASS, Montana Field Office

In conjunction with: MSU Extension Agents
USDA County Service Centers

Weather Information for the Week ending 05/24/2009

| Station ID | Precipitation | | | | | | | | | | | | |
|----------------------|---------------|-----|-----|------|-----|-----------|-------|-----------------|-------|------|-------------------|-------|------|
| | Temperature | | | GDDs | | This Week | | April 1 to Date | | | October 1 to Date | | |
| | Hi | Low | Avg | B50 | DFN | Total | DFN | Total | DFN | %NRM | Total | DFN | %NRM |
| NORTHWEST | | | | | | | | | | | | | |
| Alberton | 88 | 28 | 57 | 54 | +21 | 0.06 | -0.43 | 2.09 | -0.46 | 82 | 13.66 | +5.37 | 165 |
| Anaconda | 85 | 27 | 57 | 54 | +32 | 0.57 | +0.15 | 3.96 | +1.43 | 157 | 12.52 | +5.61 | 181 |
| Clinton | 86 | 28 | 59 | 63 | +46 | 0.07 | -0.35 | 2.12 | -0.22 | 91 | 8.87 | -0.98 | 90 |
| Corvallis | 86 | 27 | 57 | 54 | +17 | 0.46 | +0.04 | 0.94 | -1.35 | 41 | 6.00 | -0.53 | 92 |
| Creston | 82 | 33 | 57 | 50 | +21 | 0.22 | -0.39 | 2.06 | -1.55 | 57 | 10.24 | -1.57 | 87 |
| Deer Lodge | 85 | 22 | 54 | 36 | +19 | 0.75 | +0.26 | 1.61 | -0.51 | 76 | 4.97 | +0.44 | 110 |
| Drummond | 88 | 19 | 56 | 47 | +21 | 0.28 | -0.21 | 1.03 | -1.43 | 42 | 7.92 | +0.95 | 114 |
| Hamilton | 85 | 29 | 57 | 46 | +13 | 0.40 | +0.04 | 1.52 | -0.80 | 66 | 8.73 | +0.65 | 108 |
| Kalispell | 84 | 28 | 57 | 55 | +28 | 0.20 | -0.29 | 1.88 | -0.84 | 69 | 9.38 | -1.15 | 89 |
| Missoula | 88 | 29 | 59 | 71 | +38 | 0.04 | -0.45 | 0.93 | -1.62 | 36 | 7.04 | -1.25 | 85 |
| Olney | 82 | 26 | 50 | 20 | +0 | 0.17 | -0.39 | 2.38 | -0.69 | 78 | 13.13 | -1.77 | 88 |
| Polson | 83 | 30 | 56 | 51 | +12 | 0.10 | -0.46 | 1.02 | -2.07 | 33 | 6.61 | -2.90 | 70 |
| St Ignatius | 87 | 31 | 57 | 52 | +12 | 0.03 | -0.60 | 1.73 | -1.65 | 51 | 10.04 | +0.47 | 105 |
| Seeley Lake | 83 | 25 | 52 | 30 | +10 | 0.15 | -0.34 | 1.81 | -0.71 | 72 | 17.24 | +3.14 | 122 |
| Sula | 84 | 22 | 54 | 36 | +22 | 0.25 | -0.29 | 1.83 | -1.36 | 57 | 8.53 | -0.72 | 92 |
| Superior | 87 | 30 | 60 | 72 | +27 | 1.53 | +1.11 | 4.29 | +1.72 | 167 | 14.15 | +3.25 | 130 |
| Swan Lake | 84 | 28 | 53 | 35 | +14 | 0.13 | -0.50 | 3.17 | -0.41 | 89 | 18.13 | -2.01 | 90 |
| Thompson Falls | 88 | 33 | 60 | 72 | +20 | 0.10 | -0.46 | 2.99 | -0.23 | 93 | 16.13 | -0.61 | 96 |
| West Glacier | 83 | 30 | 55 | 43 | +17 | 0.56 | -0.08 | 4.41 | +0.67 | 118 | 19.84 | +0.48 | 102 |
| NORTH CENTRAL | | | | | | | | | | | | | |
| Chester | 78 | 30 | 54 | 39 | +1 | 0.15 | -0.29 | 2.58 | +0.59 | 130 | 7.97 | +3.60 | 182 |
| Chinook | 80 | 29 | 54 | 33 | -14 | 0.00 | -0.56 | 1.57 | -1.15 | 58 | 4.73 | -1.03 | 82 |
| Choteau | 78 | 28 | 54 | 38 | +3 | 0.36 | -0.13 | 2.37 | +0.19 | 109 | 4.94 | +1.00 | 125 |
| Cut Bank | 74 | 30 | 51 | 19 | -2 | 0.03 | -0.53 | 0.62 | -1.91 | 25 | 1.99 | -2.96 | 40 |
| Ft Assinniboine | 78 | 31 | 53 | 31 | -15 | 0.07 | -0.47 | 2.55 | -0.06 | 98 | 6.54 | +0.71 | 112 |
| Fort Benton | 79 | 27 | 56 | 48 | -7 | 0.05 | -0.51 | 2.82 | -0.09 | 97 | 6.85 | +0.30 | 105 |
| Goldbutte | 75 | 23 | 50 | 21 | -8 | 0.48 | -0.05 | 1.91 | -0.77 | 71 | 4.57 | -1.22 | 79 |
| Harlem | 76 | 29 | 55 | 40 | -6 | 0.27 | -0.22 | 1.46 | -0.74 | 66 | 4.74 | +0.09 | 102 |
| Havre | 78 | 28 | 54 | 38 | -7 | 0.03 | -0.40 | 1.68 | -0.54 | 76 | 4.40 | -0.92 | 83 |
| Malta | 78 | 36 | 58 | 57 | +11 | 0.12 | -0.44 | 3.25 | +0.71 | 128 | 7.29 | +1.82 | 133 |
| Rudyard | 80 | 28 | 54 | 37 | -1 | 0.00 | -0.49 | 1.65 | -0.52 | 76 | 5.20 | +1.21 | 130 |
| Shelby | 78 | 29 | 53 | 28 | -2 | 0.17 | -0.37 | 2.43 | -0.22 | 92 | 5.39 | -0.20 | 96 |
| Turner | 77 | 28 | 53 | 27 | -11 | 0.05 | -0.40 | 1.09 | -0.69 | 61 | 3.44 | -0.57 | 86 |
| Valier | 75 | 33 | 52 | 24 | -9 | 0.12 | -0.44 | 2.90 | +0.36 | 114 | 5.89 | +1.06 | 122 |
| NORTHEAST | | | | | | | | | | | | | |
| Bredette | 72 | 31 | 53 | 22 | -30 | 0.70 | +0.23 | 3.05 | +0.86 | 139 | 7.66 | +3.08 | 167 |
| Culbertson | 77 | 27 | 55 | 39 | -25 | 0.24 | -0.28 | 2.31 | -0.12 | 95 | 6.47 | +1.39 | 127 |
| Glasgow | 78 | 33 | 56 | 47 | -6 | 0.04 | -0.38 | 1.78 | -0.21 | 89 | 4.98 | +0.45 | 110 |
| Glendive | 84 | 38 | 61 | 75 | +11 | 0.00 | -0.49 | 2.48 | -0.21 | 92 | 5.91 | +0.04 | 101 |
| Jordan | 84 | 29 | 57 | 51 | -1 | 0.01 | -0.54 | 2.90 | +0.29 | 111 | 6.50 | +0.60 | 110 |
| Nashua | 79 | 32 | 58 | 61 | -7 | 0.15 | -0.27 | 2.18 | -0.08 | 96 | 5.80 | +1.29 | 129 |
| Opheim | 74 | 21 | 51 | 22 | -15 | 0.00 | -0.52 | 1.29 | -0.81 | 61 | 4.17 | -0.04 | 99 |
| Plentywood | 77 | 28 | 54 | 32 | -23 | 0.20 | -0.27 | 2.15 | +0.00 | 100 | 6.52 | +1.64 | 134 |
| St Marie | 74 | 32 | 55 | 36 | -17 | 0.03 | -0.39 | 1.13 | -0.86 | 57 | 2.77 | -1.76 | 61 |
| Scobey | 73 | 25 | 52 | 24 | -19 | 0.19 | -0.25 | 2.40 | +0.38 | 119 | 6.56 | +2.30 | 154 |
| Sidney | 79 | 33 | 58 | 57 | -12 | 0.00 | -0.50 | 1.42 | -1.11 | 56 | 5.17 | -0.80 | 87 |
| Wolf Point | 80 | 29 | 56 | 45 | -22 | 0.04 | -0.38 | 1.92 | -0.06 | 97 | 3.79 | -0.82 | 82 |
| CENTRAL | | | | | | | | | | | | | |
| Cascade | 82 | 18 | 54 | 42 | +23 | 0.24 | -0.42 | 2.41 | -0.82 | 75 | 6.15 | -0.57 | 92 |
| Grass Range | 86 | 30 | 56 | 44 | +11 | 0.22 | -0.54 | 4.86 | +1.11 | 130 | 10.33 | +2.33 | 129 |
| Great Falls | 80 | 30 | 54 | 37 | +9 | 0.00 | -0.62 | 3.27 | -0.03 | 99 | 7.88 | +0.20 | 103 |
| Harlowton | 79 | 27 | 53 | 35 | +5 | 0.23 | -0.31 | 1.54 | -1.39 | 53 | 5.36 | -0.90 | 86 |
| Helena | 88 | 32 | 62 | 86 | +51 | 0.00 | -0.42 | 0.96 | -1.28 | 43 | 4.72 | -0.64 | 88 |
| Lewistown | 86 | 28 | 55 | 43 | +20 | 0.03 | -0.67 | 3.08 | -0.46 | 87 | 6.38 | -2.40 | 73 |
| Martinsdale | 84 | 21 | 55 | 42 | +24 | 0.00 | -0.53 | 1.95 | -0.89 | 69 | 6.38 | +0.24 | 104 |
| Neihart | 81 | 26 | 53 | 34 | +17 | 0.20 | -0.64 | 2.36 | -2.13 | 53 | 9.03 | -1.81 | 83 |
| Rogers Pass | 80 | 30 | 53 | 32 | +10 | 0.02 | -0.78 | 2.24 | -1.86 | 55 | 7.93 | -1.33 | 86 |
| Roundup | 94 | 31 | 60 | 73 | +23 | 0.10 | -0.46 | 2.00 | -1.07 | 65 | 6.34 | +0.03 | 100 |
| Ryegate | 88 | 28 | 56 | 48 | +22 | 0.16 | -0.31 | 2.78 | +0.26 | 110 | 6.79 | +1.11 | 120 |
| Stanford | 77 | 29 | 55 | 40 | +10 | 0.00 | -0.70 | 2.86 | -0.82 | 78 | 7.35 | -0.76 | 91 |
| Townsend | 89 | 28 | 59 | 66 | +27 | 0.00 | -0.42 | 1.03 | -0.93 | 53 | 4.28 | -0.15 | 97 |
| Valentine | 77 | 30 | 55 | 39 | +3 | 0.15 | -0.53 | 3.60 | +0.28 | 108 | 7.76 | +1.05 | 116 |
| Wht Sulphur Spr | 83 | 25 | 56 | 55 | +36 | 0.02 | -0.54 | 1.93 | -0.98 | 66 | 8.94 | +2.46 | 138 |
| SOUTHWEST | | | | | | | | | | | | | |
| Boulder | 86 | 23 | 55 | 50 | +30 | 0.10 | -0.39 | 1.83 | -0.43 | 81 | 5.83 | +0.76 | 115 |
| Bozeman | 87 | 31 | 60 | 74 | +45 | 0.03 | -0.64 | 4.26 | +0.54 | 115 | 9.50 | +0.75 | 109 |
| Butte | 84 | 23 | 55 | 50 | +37 | 0.01 | -0.48 | 1.85 | -0.69 | 73 | 4.91 | -1.37 | 78 |
| Dillon | 89 | 28 | 60 | 75 | +52 | 0.00 | -0.42 | 1.96 | -0.35 | 85 | 4.43 | -0.08 | 98 |
| Ennis | 88 | 22 | 58 | 66 | +42 | 0.03 | -0.49 | 2.19 | -0.74 | 75 | 6.63 | -0.16 | 98 |
| Lakeview | 84 | 29 | 58 | 58 | +55 | 0.13 | -0.50 | 3.25 | -0.24 | 93 | 9.93 | -0.87 | 92 |
| W Yellowstone | 83 | 29 | 55 | 43 | +43 | 0.00 | -0.50 | 4.28 | +1.14 | 136 | 13.64 | -0.69 | 95 |
| Wisdom | 80 | 28 | 56 | 45 | +44 | 0.10 | -0.32 | 1.74 | -0.52 | 77 | 7.60 | +1.30 | 121 |
| SOUTH CENTRAL | | | | | | | | | | | | | |
| Billings | 92 | 40 | 62 | 83 | +31 | 0.01 | -0.55 | 2.37 | -1.29 | 65 | 7.84 | -0.99 | 89 |
| Cooke City | 82 | 29 | 56 | 47 | +47 | 0.23 | -0.40 | 3.23 | -0.55 | 85 | 8.27 | -7.49 | 52 |
| Gardiner | 85 | 31 | 61 | 80 | +43 | 0.02 | -0.40 | 2.72 | +0.82 | 143 | 5.15 | +0.10 | 102 |
| Hardin | 94 | 38 | 65 | 104 | +40 | 0.00 | -0.49 | 3.48 | +0.56 | 119 | 6.72 | -0.16 | 98 |
| Huntley | 91 | 32 | 60 | 72 | +27 | 0.00 | -0.56 | 2.62 | -0.82 | 76 | 8.39 | +0.61 | 108 |
| Hysham | 91 | 36 | 61 | 82 | +26 | 0.00 | -0.63 | 3.28 | +0.01 | 100 | 9.11 | +1.96 | 127 |
| Joliet | 90 | 31 | 58 | 60 | +21 | 0.00 | -0.69 | 2.70 | -1.60 | 63 | 8.08 | -1.73 | 82 |
| Livingston | 86 | 24 | 57 | 57 | +27 | 0.00 | -0.69 | 3.17 | -0.55 | 85 | 5.95 | -2.21 | 73 |
| Nye | 87 | 32 | 58 | 58 | +29 | 0.45 | -0.25 | 3.23 | -1.12 | 74 | 10.44 | +0.86 | 109 |
| Rapelje | 88 | 27 | 58 | 57 | +22 | 0.00 | | | | | | | |